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Jacob N. Erlich Reg. No. 24,338

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Drew Guckenberger, et al.

Application Serial Number: N/A

Filed: Herewith

Helewiui

Dated: March 31, 2004

LOW-VOLTAGE, LOW-POWER TRANSIMPEDANCE AMPLIFIER

ARCHITECTURE

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Examiner: N/A

Group Art Unit: N/A

To:

For:

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement (Form PTO-1449) (including copies of non-U.S. patent references) is submitted under 37 CFR 1.97(b).

REMARKS

Applicant submits herewith an Information Disclosure Statement under 37 CFR 1.97(b).

By:

The following information is presented in the event that a call may be deemed desirable by the Examiner:

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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APPLICANT: Drew Guckenberger, et al.

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U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT	DATE	NAME	CLASS/SUB-	FILING DATE IF
INITIAL	NO.			CLASS	APPROPRIATE
	5,581,212	12/03/96	Huang et al.	330/253	
	6,218,905 B1	04/17/01	Sanders et al.	330/308	
	6,359,517 B1	03/19/02	Colaco	330/308	
	6,433,638	08/13/02	Heineke et al.	330/260	
	2002/0196082 A1	12/26/02	Didcock et al.	330/290	
	6,529,078	03/04/03	Gosser et al.	330/255	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

HM. Rein et al. "Design Considerations for Very-High-Speed Si-Bipolar IC's Operating up to 50Gb/s", <i>IEEE Journal of Solid-State Circuits</i> , vol.31, No.8, pp. 1076-1090, August 1996.
S.S. Mohan et al. "A 2.125 Gbaud 1.6kΩ Transimpedance Preamplifier in 0.5μm CMOS", <i>IEEE Custom Integrated Circuits Conference 1999</i> , pp. 513-516, 1999.
A. Schild, et al., "Amplifier Array for 12 Parallel 10Gb/s Optical-Fiber Links Fabricated in a SiGe Production Technology", 2002 IEEE RFIC Symposium, pp. 89-92, 2002.
D. Guckenberger, et al. "Novel low-voltage, low-power Gb/s transimpedance amplifier archeitecture." Proc. SPIE, Conf. on VLSI Circuits and Systems, Canary Islands, Spain, May 19-21, 2003, pp. 274-285.
D. Guckenberger, et al. "A DC-Coupled Low-Power Transimpedance Amplifier Architecture for Gb/s Communication System Applications," accepted to IEEE RFIC 2004, Fort Worth, TX, June 6-8, 2004.

EXAMINER	DATE CONSIDERED		